

Vol. 15, No. 51

WEEKLY REPORT

Week Ending December 24, 1966

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

EPIDEMIOLOGIC NOTES AND REPORTS SHIGELLOSIS OUTBREAK - Florida

An outbreak of bacillary dysentery caused by Shigella flexneri type 2 occurred in the Jacksonville area beginning November 14, 1966. New cases occurred daily for over 2 weeks; 99 cases were identified. Sixty-one of the cases had onsets over a 5-day period, suggesting a common source outbreak. Epidemiologic investigation revealed that 97 of the 99 cases could be associated with the consumption of milk from a particular dairy which delivers milk to homes in glass containers. No other factor was found which could connect these cases to a common source.

The suspect dairy employs a man who functions as the operator of the bottle filling machine. His daughter

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had become ill with bacillary dysentery on November 9 and was cared for at home until hospitalization on November 12. The father developed diarrhea, fever and malaise; he had to leave work due to illness on both November 14 and 15. Shigella flexneri type 2 was recovered from stool specimens from both father and daughter.

(Continued on page 442)

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES (Cumulative totals include revised and delayed reports through previous weeks)

	51st WEE	K ENDED	MEDIAN	CUMULATIVE, FIRST 51 WEEKS			
DISEASE	DECEMBER 24, 1966	DECEMBER 25, 1965	MEDIAN 1961 – 1965	1966	1965	MEDIAN 1961 – 1965	
Aseptic meningitis	43	27	27	2,909	2,098	2,115	
Gucellosis	4	8	8	235	245	391	
otphtheria	7	7	5	193	161	294	
Encephalitis, primary:	ONT IN LIBER MILA	DURANTE RADIOSELO	CUGES CREEKS	1958	- 1000		
Arthropod-borne & unspecified	27	25		2,099	1,857		
Ancephalitis post-infectious	8	7		705	641		
repatitis, serum	36	1)	1,462			
*epatitis infectious	597	578	743	31,856	32,974	42,049	
"easles (miheola)	948	2,775	3,511	201,716	262,101	417,569	
"Ullomyelitis, Total (including unspecified)	1	-	7	97	60	436	
Paralytic			6	91	46	372	
"Unparalytic	_	_			9		
eningococcal infections Total	45	54	50	3,333	2,968	2,303	
Civilian	30	48		3,008	2,757	-,000	
Military Tubella (German measles)	6	6		325	211		
Rubella (German measles)	359	***		45,658			
"CULUCACCAL SAFA INFAAT & SCAFLAT TAVAF	8,367	6,733	6,733	412,775	382,054	332,652	
cianiic	1 - 1	3		192	273	502,002	
	4	2	224	177	238		
PHOID TEVER	3	6	7	366	442	522	
yphus, tick-borne (Rky. Mt. Spotted fever)	1	1	• • •	249	261		
Rables in Animals	38	45	45	3,897	4,163	3,650	

NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.	ı
Anthrax Leptospirosis: Calif-1, Texas-1 Majaria: Calif-2, Mass-1, NYC-1, NYUpS-1, Pa-3, Va-1 Psittacosis Typhus, murine	502 46	Botulism Trichinosis: Ohio-1 Rabies in Man Rubella, Congenital Syndrome Plague	95 1 23	

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SHIGELLOSIS OUTBREAK - Florida (Continued from front page)

It is probable that a limited number of glass containers were contaminated by this man at the dairy on November 12 during the process of being filled with milk. Efforts to isolate the organism from environmental samples are in progress.

(Reported by Dr. Patricia C. Cowdery, Health Officer, Duval County Health Department; Dr. E. Charlton Prather, State Epidemiologist, Florida State Board of Health; and an EIS Officer.)

SURVEILLANCE SUMMARY SHIGELLOSIS - Third Quarter 1966

A total of 3,139 isolations of shigella from humans were reported by the 54 reporting centers during the third quarter of 1966, representing a 69.1 percent increase over 1,856 isolations recorded for the second quarter. This increased seasonal trend in the third quarter is similar to that noted in past years (Figure 1). Of the 18 different serotypes reported during past quarter, the six most frequently isolated are listed in Table 1.

The age distribution was consistent with that of previous quarters; 70.6 percent of the shigella isolations were from children under 10 years of age. Approximately

Table 1
Most Frequently Reported Serotypes of
Shigella Isolated from Human Sources

Rank Serotype		Serotype Number Reported		Rank Last Quarter
1	S. sonnei	1,259	40.41	1
2	S. flexneri 2a	425	25.84	2
3	S. flexneri 3a	54	9.28	3
4	S. flexneri 6	204	7.85	4
5	S. flexneri 4a	94	6.54	5
6	S. flexneri 3c	13	2.23	10
Total		2,049		
Total ((all serotypes)	3,139		

25 percent of the isolations were from families with other members of the same family positive for shigella. There was no apparant sex predilection as seen in the preceding quarter when there was a predominance of males among the less than 5-year age group. The regional distribution continued as in previous quarters, with a predominance of S. flexneri isolated in the South.

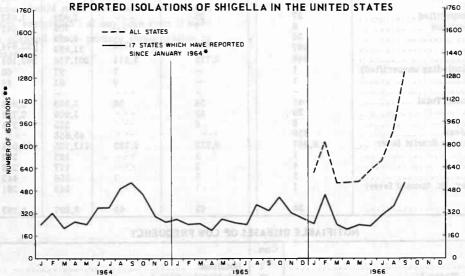
There were 15 nonhuman isolations of shigella reported during the third quarter of 1966, as listed in Table 2. (Reported by the Enteric Diseases Unit, Bacterial Diseases Section, Epidemiology Branch, CDC.)

Table 2

Most Frequently Reported Serotypes of
Shigella Isolated from Nonhuman Sources

Serotype	Number	Source	Reporting Center
S. flexneri 2a	and Housing	Gorilla	Illinois
S. flexneri 3	10	Monkeys	Florida (3) Maryland (7)
S. flexneri 4a	ani alalat we	Monkey	California
S. sonnei	3	Monkeys (2) Gorilla (1)	Illinois
Total	15		

Figure 1 F SHIGELLA IN THE UN



^{*}ALASKA, ARIZONA, HAWAII, ILLINOIS, KANSAS, MARYLAND, NEW JERSEY, NEW MEXICO, NORTH CAROLINA, NORTH DAKOTA, OHIO, OKLAHOMA, OREGON, SOUTH DAKOTA, TENNESSEE, TEXAS AND VERMONT.

ADJUSTED TO FOUR-WEEK MONTHS.

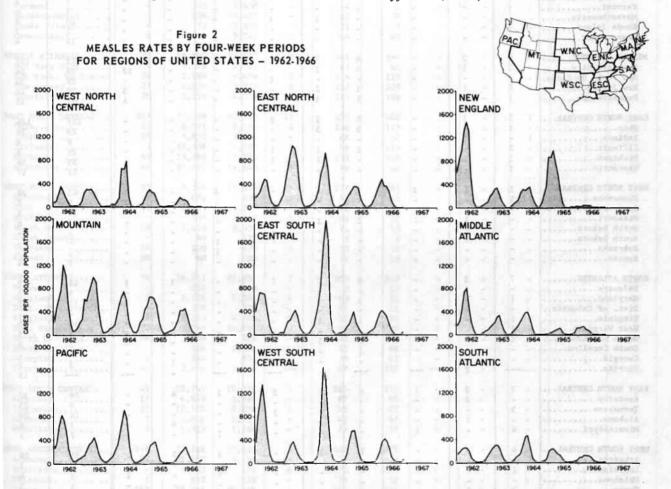
CURRENT TRENDS MEASLES — 1966

A total of 948 cases of measles was reported for the 51st week (ending December 24, 1966), a decrease of 485 cases from the previous week. The states reporting the highest numbers of cases were Texas with 197 and Washington with 108.

The reported cases per 100,000 population for the 4-week periods from 1962 to present are shown by geographic divisions in Figure 2. In current reports of measles the case rates from all regions of the country reflect the

expected seasonal low. In five regions (New England, Middle Atlantic, West North Central, South Atlantic and Pacific), the reported measles case rates were less than 400 cases per 100,000 population during each 4-week period of 1966. In New England the rate in 1966 was remarkably low, even for a non-epidemic year.

(Reported by the Childhood Viral Diseases Unit, Epidemiology Branch, CDC.)



Menifee County, Kentucky

Since the first week of November 1966, a total of 43 cases of measles has been reported to the Kentucky State Department of Health from Menifee County (pop. 4,200). An informal survey of local physicians, school teachers, parents and county health department personnel indicated a total incidence of over 150 cases this fall. Most patients were students from one of the county's two elementary schools and their preschool siblings. Prior to the current outbreak very little measles vaccine had been administered in Menifee County.

An emergency countywide immunization program was conducted on December 13. Cooperating in the program was the Menifee County Health Department, local school authorities, the two local physicians, nursing personnel from

several of the surrounding county health departments, numerous State Health Department employees, a senior student from the University of Kentucky College of Medicine, and several volunteers. Questionnaire-permission forms were distributed to all students in the local school system and an intensive publicity campaign was conducted for one week prior to the scheduled clinics.

Edmonston strain vaccine with measles immune globulin furnished by the Public Health Service was administered to 219 susceptible students at the two county schools (total enrollment - 1,070). The same vaccine was provided by the Vaccination Assistance Project for 114 preschoolers who were immunized at the local Health Department (total number of preschoolers in the county - 459).

(Continued on page 448)

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CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED

DECEMBER 24, 1966 AND DECEMBER 25, 1965 (51st WEEK)

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UNITED STATES	43	27	4	27	25	8	7	7	36	597	578	
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Hawaii												

Morbidity and Mortality Weekly Report

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED

DECEMBER 24, 1966 AND DECEMBER 25, 1965 (51st WEEK) - CONTINUED

20 HORNE	MEA	SLES (Rube	ola)	PENTINGO	COCCAL INFE	CITONS,		RUBELLA				
AREA		20,00020	1115-2000		1		Tot	Total Par				
	1966	Cumu 1		1966	Cumula		1966	1965	1966	Cumulative	1966	
		1966	1965		1966	1965		1903	1900	1966	1900	
UNITED STATES	948	201,716	262,101	45	3,333	2,968	1	- 146	1	91	359	
NEW ENGLAND	12	2,584	37,427	3	154	154		4 5		9 1	35	
Maine	4	301	2,934		12	18		-039	1 -	111111111111	5	
New Hampshire	-011	80	383	2	11	9	0 7-61	1				
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Massachusetts	444	75			62			100.00	-	EC 11 ME 188	11	
Rhode Island	8	947	3,970	1	21	18		1 77.6	-	-	1	
Connecticut		347	9,217	1	44	42		4 -18		ASSESSED FOR	17	
MIDDLE ATLANTIC	70	18,600	18,492	8	441	394		3 - 64	1 - 0	1-00	18	
New York City	4	8,376	3,711	-	65	65		- 11	-	J. 1009	7	
New York, Up-State.	24	2,680	4,488	1	114	117		- 220	- 1		11	
New Jersey	22	2,028	3,874	5	137	103		1 -11	1 1- 1	LICAL TO NO	(A) (E)	
Pennsylvania	20	5,516	6,419	2	125	109		- 65.0	_	1	-	
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EAST NORTH CENTRAL	167	70,488	63,422	11	533	448	1	-136	1	8	129	
Ohio	15	6,471	9,246	6	158	123	-	3 - er.	- 1	2	16	
Indiana	15	5,832	2,351	- 119	88	50	1	- 45	1	2	5	
Illinois	3	11,538	4,197	3	96	119	-	- 010	-	3	18	
Michigan	66	15,186	27,785		135	107	-	1 - 40	-	1	32	
Wisconsin	68	31,461	19,843	2	56	49		1 - 86	-	-	58	
WEST NORTH COMMON	5.5	0 344	17 515	1	,,,,	115						
WEST NORTH CENTRAL	55	9,344	17,515	7	177	145	-	1 415		1	21	
Minnesota	4	1,688	906	4	40	33	enical e	- 7		1	1	
Iowa	12	5,463	9,307	1	23	13	4	- 100	-		13	
Missouri	-	539	2,681	1	66	58		1	- 0	-	-	
North Dakota	25	1,414	4,035	6-12	11	13	1713	J - 30Y		terminan	7	
South Dakota	-	40	116	101-15	6	4	THE PERSON		-	3 1 3		
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SOUTH ATLANTIC	78	16,211	27,012	5	563	558		11 - 122		2	15	
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Maryland	1	2,126	1,293	4	53	55		11 - 3016	-	T. L	5	
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West Virginia	20	5,562	14,827		48	30				1	4	
North Carolina	48	786	416	1-12	142	119		- 12			-	
South Carolina	-	664	1,219	1941 1 2	55	69	-	F - FF	1 4 4	-		
Georgia	1	244	655	11-14	77	63	_	dl - 239	1 1	1	C	
Florida		3,907	3,652		99	126						
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EAST SOUTH CENTRAL	41	20,745	16,032	1	284	232	-		-	4	2	
Kentucky	17	4,869	3,696		97	88	-	U) - 38.7	-			
Tennessee	21	12,705	8,830	1	96	72	- 1	1 - 5 10	-		2	
Alabama	1	1,808	2,357	9-15	62	45				1	_	
Mississippi	2	1,363	1,149	7-15	29	27		1 - 53	-	3	7772	
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WEST SOUTH CENTRAL	218	27,168	32,111	5	444	372	5	19 - 94-5	-	72	1	
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Oklahoma	7	662	238	3-13	23	22	-	11 -21	- 1	1	- 1-	
Texas	197	25,221	30,548	1	214	131	000	1 1		69	1	
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New Mexico	37	1,269	693		10	11		J. 1 N. 3.	-	- 1		
Arizona	6	5,376	1,537	- 17	13	21		15 - 35	-	- 1	2	
Utah	21	686	4,643	17-19	1	18	-	13 - 440	-		1	
Nevada	2	67	225	- 1-12	5	5	1	41 - 64	-	75 TE -		
PACIFIC	209	23,864	29,120	5	643	557		the wo	7.5	2	120	
Washington	108	5,285	7,571		58	47		177 . 530		3	130	
Oregon	20	2,547						75	-5	2	40	
			3,502		42	37		- 100	0.19		25	
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Puerto Rico		3,462	2,981		18	11				1		

Morbidity and Mortality Weekly Report

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED

DECEMBER 24, 1966 AND DECEMBER 25, 1965 (51st WEEK) - CONTINUED

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Indiana	116	1 2 3	4	1 _ 64	11	1.49	5	La la	9	2	113	
Illinois	190		4	1 - 34	8	597	7	1111	11		74	
Michigan	259	-	6	1 - 184	7 5 7	1.35	7	134	1	1	43	
Wisconsin	189	-	2	+-+	1	r - 134	6	M. 175. H.	1, 1	->	59	
WEST NORTH CENTRAL	216	-	15	1-59	20		34	- Y - 3	4	13	908	
Minnesota	8) 3	-	1		1	- 1	-100	7	220	
Iowa	68	1	2	1 - 53			5	AC - 13	- 1223	1	166	
Missouri		1.00	8	3 - 17	11	-	18		3	2	254	
North Dakota	108	15.0	-	7 - 55			1	- I		2	61	
South Dakota	15	13.5		-	4	- 100	-			1	117	
Nebraska Kansas	17	1	1	1-4	2 2	. 18	7		1		29 61	
SOUTH ATLANTIC	725	1	37	1	16	1 10	70	E, d.1 1 1 1	114	5	501	
Delaware	44	-	_	3 - 5	-	- 911	1		2	1111111111		
Maryland	147	-	3	2 - 50	5	55	12	142	27	or sufference	3	
Dist. of Columbia			- 1	7 - 51	-	1:04	2	-	E 1,68	001110	1,700	
Virginia	308	-	6	1	3	53	16		31	2	253	
West Virginia	154		25.	11 - 25,	1	S	1	P 13.5	- 650	1	60	
North Carolina	22	1-3	4	11 - 12	3	77 ± 10	6	1	27	160	4	
South Carolina	43	_	2	H - 15	1	F 1 689	15		5	AND LUX		
Georgia	7	1	8 14	11.18	3 -	1	13	(E)	22	2	110 71	
EAST SOUTH CENTRAL	1,253	<u>_</u>	28	1.500	24	1	47	cec III		1	and the	
Kentucky	64	17.7-	2	31 - 1×	2	1 1-19	10	1	44	1	505 121	
Tennessee	1,148	1 -	9	112	14	- E 100	24	1	26	0.00	341	
Alabama	8	1	8	-1 - 14	4	1.78	6	6,73 THU	7	00/2000	21	
Mississippi	33	1 - 1	9	1- (*	4	- 1	7	14. J. H	2	~~	22	
WEST SOUTH CENTRAL	737	1	48	10 34	75	1	36	9-55 - 18	10	7	761	
Arkansas	2	1	5	M- 12.	56	1	5	-	2	0.00	85	
Louisiana	-	17 37	12	1 - 12	4	- 13	10	3 - 1	1 1-43	1	55	
Oklahoma	36	-	3	#II - 19.	8		10		7		184	
Texas	699	lī -	28	3 - 742	7	11	11	- 1	1	6	437	
MOUNTAIN	1,814	-	2	2	14	F 1	16	0.55	4	1952-07	97	
Montana	90		-	1-1	2	E - 12	9	1 - I		1114	7	
Idaho	116	100		-		13	13 E + 2		-03	113		
Wyoming	56	1-1	3.5	1 - 10	6	100	3		1	15:00	-1	
Colorado	1,170	4-10	2	2	2		3	1 Con - 1 1 1	2		18	
New Mexico	138	11.5	1.5	21 - 35	1	1 (19	2	132 - LIS	1		18	
Arizona	7 3 166	1	37	7-45	1	1 68	5		133		42	
Utah Nevada	5	1		8-3	2 -	14	5		<u> </u>		3 9	
PACIFIC	1,627	1	22	1	4	-	43	1,53	1	2	312	
Washington	358	1. 1	10	1 22			13	PAC 1	1	107 : 20	15	
Oregon	37		1	4 - 15		1-49	1	5-5-13-5	E in	algray.	5	
California.	1,226	12 (0.0)	21	1	4	(C 1 550	27	100	1	2	292	
Alaska	6	1	J 84	-1-19		1.19	1.9		1 1		-	
Hawaii						JA _ I_ 60	2	100			A media	
Puerto Rico			54	-1.74	5. IL 7	3 8	19		t - 1 wa		19	

DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED DECEMBER 24, 1966

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	A11	100	and						Under
	Area All 65 years And over All Influenza All All Ages Causes		Ages and over Influenza All		All Ages	65 years and over	and Influenza All Ages	l yea All Cause	
NEW ENGLAND:	758	457	32	39	SOUTH ATLANTIC:	1,205	584	50	67
Boston, Mass	243	123	7	16	Atlanta, Ga	151	59	6	20
Bridgeport, Conn	34	22	1	1	Baltimore, Md	289	147	9	16
Cambridge, Mass	31	21	uice :	1	Charlotte, N. C	39	22	1	4
Fall River, Mass	32	22	2	-	Jacksonville, Fla	69	38	1	1
Hartford, Conn	53	35	1	6	Miami, Fla	108	57	2	6
Lowell, Mass	27 20	19 13	2 2	3	Norfolk, Va	67	23	3	3
Lynn, Mass	17	10	1	33.401	Richmond, Va	64	29	3	4
New Bedford, Mass	74	44		2	Savannah, Ga	34	11	5	1
New Haven, Conn Providence, R. I	74	45	6	3	St. Petersburg, Fla	90 59	70	8 4	1 2
Somerville, Mass	23	14	2	_	Tampa, Fla	181	30 77	7	6
Springfield, Mass	50	34	4	3	Wilmington, Del	54	21	1	3
Waterbury, Conn	29	19	-	3		1 25 7	throad was	10, 10 .01	Physical
Worcester, Mass	51	36	4	-	EAST SOUTH CENTRAL:	574	292	29	28
and a specimen experience of	2 276	1 050	160	120	Birmingham, Ala	103	50	2	5
IIDDLE ATLANTIC:	3,276 51	1,959	140 1	130	Chattanooga, Tenn	52	26	6	4
Allortown Po	36	21	1	1	Knoxville, Tenn	29	21		1
Allentown, Pa Buffalo, N. Y	146	92	7	5	Louisville, Ky	138	73	14	1
Camden, N. J	41	23	4	1	Memphis, Tenn Mobile, Ala	100 46	55	3	8
Elizabeth, N. J	36	23	i	î	Montgomery, Ala	30	13	1	1
Erie, Pa	39	26	-	1	Nashville, Tenn	76	38	2	1
Jersey City, N. J	82	48	12	9	, Tellin	, 0	30		
Newark, N. J	95	44	5	6	WEST SOUTH CENTRAL:	1,209	634	48	7.5
New York City, N. Y	1,759	1,057	61	67	Austin, Tex	39	21	1	2
Paterson, N. J	41	28	4	1	Baton Rouge, La	3 3	21	-	2
Philadelphia, Pa	405	230	14	16	Corpus Christi, Tex	18	9		1
Pittsburgh, Pa	155	92	1	3	Dallas, Tex	158	73	5	14
Reading, Pa	51 83	32 55	7	5	El Paso, Tex	43	20	5	4
Rochester, N. Y	23	15	3	1	Fort Worth, Tex	76	48	5	
Schenectady, N. Y	46	32	2	2	Houston, Tex	217	98	4	12
Syracuse, N. Y	77	41	ı î	6	New Orleans, La	75 181	32 92	4	9
Trenton, N. J	64	36	4	1	Oklahoma City, Okla	93	55	3 4	7
Utica, N. Y	25	19	6	1	San Antonio, Tex	128	77	5	3
Yonkers, N. Y	21	19	5		Shreveport, La	72	39	8	6
					Tulsa, Okla	76	49	4	3
AST NORTH CENTRAL:	2,538	1,437	86	134					4
Akron, Ohio	57	33	-	3	MOUNTAIN:	439	267	20	21
Canton, Ohio	30	17	2	2	Albuquerque, N. Mex	44	26	4	-
Chicago, Ill	776	423	39	39	Colorado Springs, Colo.	19	12	1	
Cincinnati, Ohio	160	99	1	11	Denver, Colo	128	82	4	8
Cleveland, Ohio	199	116	4	6	Ogden, Utah	19	8	2	2
Dayton, Ohio	122 64	68	3	8	Pueblo, Colox	102 20	59	6	9
Detroit, Mich	357	197	6	23	Salt Lake City, Utah	55	12 36	1 1	1
Evansville, Ind	42	27	2	1	Tucson, Ariz,	52	32	1	
Flint, Mich	49	22	2	4			-200		= -
Fort Wayne, Ind	45	26	2	1	PACIFIC:	1,383	794	36	71
Gary, Ind	12	4	1	-	Berkeley, Calif	23	20		D: 1
Grand Rapids, Mich	53	33	4	1	Fresno, Calif	54	28	3	3
Indianapolis, Ind	176	97	2	10	Glendale, Calif	16	7	1	1900
Madison, Wis	40	20		4	Honolulu, Hawaii	53	29	1	1
Milwaukee, Wis	115	70	2	3	Long Beach, Calif	79	52	3	2
Peoria, Ill.	52	34	1	6	Los Angeles, Calif	311	166	9	13
Rockford, Ill	29	21	5	-	Oakland, Calif	99	55	2	
South Bend, Ind.	23	10	2	2	Pasadena, Calif.* Portland, Oreg	32	22		-
Youngstown, Ohio	87 50	52 33	6	6	Sacramento, Calif	111	66	1	7
Toungstown, Onto	20	23		3	San Diego, Calif.	50 98	62	1	
EST NORTH CENTRAL:	896	544	25	51	San Francisco, Calif	204	104	6	14
Des Moines, Iowa	56	35	1	3	San Jose, Calift	30	18	2	2
Duluth, Minn	27	14	2	1	Seattle, Wash	127	74	5	10
Kansas City, Kans	31	20	1	3	Spokane, Wash	61	44	2	1 2
Kansas City, Mo	124	73	3	3	Tacoma, Wash	35	23	Participal Control	1 2
Lincoln, Nebr	41	27	1	1			1		
Minneapolis, Minn	144	90	1	. 5	Total	12,278	6,968	466	616
Omaha, Nebr	80	53	4	7	THE AN EXPERIENCE WAS	TopEm		100100000	
St. Louis, Mo	269	155	7	21		ulative T			
St. Paul, Minn	73	44	V	5	including reporte	d correct	ions for p	revious we	eks
Wichita, Kans	51	33	5	2	A11 Causes 411 4	فتحرك		627 0	. 2
					All Causes, All Ages				
					All Causes, Age 65 and o Pneumonia and Influenza,				

MEASLES - (Continued from page 443)

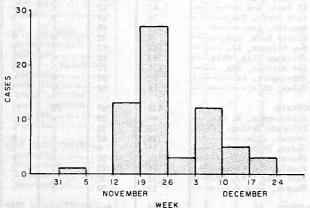
The fact that free measles vaccine will continue to be available from the local Health Department and practicing physicians is now being publicized. It is anticipated that practically all susceptibles in Menifee County will be immunized by the end of December.

(Reported by Dr. C. Hernandez, Director, Division of Epidemiology; Dr. J. W. Skaggs, Acting Director, Office of Communicable Diseases; and Mr. J. C. Todd, Director Field Investigations Unit, Kentucky State Department of Health.)

Greenbrier, Arkansas:

A total of 69 measles cases has been reported from Faulkner County, Arkansas, through December 23, 1966. Of these, 64 cases have been concentrated in the Greenbrier Elementary School which serves a large rural district and has an enrollment of 340 students. The attack rate was almost 19 percent, with the majority of cases occurring in first and second graders. The first case occurred during the week ending November 4, followed by a peak of cases 3 weeks later (Figure 3). The remaining 5 cases occurred in preschool siblings.

Figure 3
MEASLES IN THE GREENBRIER ELEMENTARY SCHOOL
Greenbrier, Arkansas - October 31-December 24, 1966



A measles immunization campaign was held in the school on December 16 at which all remaining susceptibles were vaccinated. Preschoolers have been directed to their physicians or Health Department for vaccination.

(Reported by Dr. J. T. Herron, State Health Officer, and Dr. Edgar J. Easley, Director, Bureau of Local Health Services, Arkansas State Board of Health; an EIS Officer.)

ERRATUM: Vol. 15, No. 50, p. 440:

QUARANTINE MEASURES

International Certificates of Vaccination, PHS 731, Revised September 1966

January 1, 1967 (not 1965), is the deadline for the introduction worldwide for the new International Certificate of Vaccination or Revaccination Against Smallpox as revised by the 18th World Health Assembly.

THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULATION OF 15,600, IS PUBLISHED AT THE COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA

CHIEF, COMMUNICABLE DISEASE CENTER CHIEF, EPIDEMIOLOGY BRANCH ACTING CHIEF, STATISTICS SECTION DAVID J. SENCER, M.D. A.D. LANGMUIR, M.D. IDA L. SHERMAN, M.S.

IN ADDITION TO THE ESTABLISHED PROCEDURES FOR REPORTING MORBIDITY AND MORTALITY, THE COMMUNICABLE DISEASE CENTER WELCOMES ACCOUNTS OF INTERESTING OUTBREAKS OR CASE INVESTIGATIONS WHICH ARE OF CURRENT INTEREST TO HEALTH OFFICIALS AND WHICH ARE DIRECTLY RELATED TO THE CONTROL OF COMMUNICABLE DISEASES. SUCH COMMUNICATIONS SHOULD BE ADDRESSED TO:

THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT
COMMUNICABLE DISEASE CENTER
ATLANTA, GEORGIA 30333

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE CDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY.

